TK1
T36

INDEX TO VOLUME XIX

MOST IMPORTANT ARTICLES

A

Accommodation department, the—A new idea, 783
American Telephone and Telegraph annual report, 396
American Telephone & Telegraph Co., by J. C. Kelsey, 474
American Telephone & Telegraph Company, —a jest that back-fires, 546
American Telephone and Telegraph Co.—"The financial joke of the season," by J. C. Kelsey, 158
A. T. & T. Co. will put Central Union on dividend paying basis, 787
American Telephone & Telegraph, relationship of Morgan to, 322
Arizona, A new exchange in, by G. A. Joy, 217
Automatic telephone apparatus, modern, by W. Lee Campbell, 191

B

Back lot pole line, the, by C. H. Quinn, 795
Battery, a two, two-circuit arrangement and its application, by Arthur Bessey Smith, 515
Bell company forced to abandon attempt to buy Racine Independent, 47
Bell humor, some, by J. C. Kelsey, 674
Bell humor, some more, by J. C. Kelsey, 771
Bell monopoly, a Louisville opinion on, 439
Bell officials testify in Missouri, 50
Bell plant values, confusion in, 168
Billings, Mont., Independent telephony in the West, by W. J. Stadelman, 499
Boston, cost per message of flat rate service in, 804
British Channel loaded cable, the, 512
British telephone news, by Abercrombie, 104, 612, 709
British telephone notes, by Abercrombie, 414.
Broader view, the, by George B. Cortelyou, 296
Buffalo trade excursion, Independent service on the, 535
Buffalo trade excursion, the, 602
Butte, Mont., Independent telephony of the West, by W. J. Stadelman, 534

C

Cable, a 26-ton reel of submarine, by Robt. A. Shelly, 228
Cable plant, open wire vs., by Robert J. Ardiff, 411
Cable sheath, cracked, due to slack messenger, 577
Cable system, hints on constructing a, by Robert J. Ardiff, 438, 501
Cable tester, new use for inductive, by Geo. A. Bishton, 14
Cable, the British Channel loaded, 512
Cables, most economical combination of capacity and inductance in underground, by B. S. Cohen, 256
Calculation of currents in divided circuits, by Ralph Raymond, 706
Capacity and inductance in underground cables, most economical combination of, by B. S. Cohen, 256
Cedarmen's convention, the Northwestern, 69
Cedar Rapids, monopoly jolted in, 41
Cedar Rapids, monopoly management expensive in, 107
Census report will soon be issued, telephone, 783
Central Union on dividend paying basis, A. T. & T. will put, 787
Central Union treachery, 433
Chicago Independent plant started, 472
Chicago rate report, the, 646-668
Chicago ready to build, 341
Chicago Telephone Company, "Behold the City Beautiful," by J. C. Kelsey, 220
Chicago Telephone Company—some Bell humor, by J. C. Kelsey, 674
Chicago telephone rate matters, President Sunny presents communication on, to council committee, 808
Chicago, the building of, 59
Chicago victory, the, 57
Chillicothe, Mo., Peoples Telephone Co., rebuilding brings increase of earnings, 540
Circuit, two, arrangement, a two-battery, and its application, by Arthur Bessey Smith, 515
Circuits, divided, calculation of currents in, by Ralph Raymond, 706
Citizens Telephone Company of Grand Rapids, by J. C. Kelsey, 252
Clearing house and traffic commission, the, by H. E. Bradley, 38
Collections, by F. V. Newman, 39
Competition, by John MacVicar, 132
Competition and the Sherman Law, President stands up for, 66
Competition, annual savings $500,000 through, by Frank H. Woods, 464
Competition, concerning telephone, 471
Competitive telephony in New York, by B. G. Hubbell, 219
Concrete construction in the Philippine Islands, all, by C. E. Heston, 644
Conduit construction, some principles of, by Robt J. Ardiff, 639
Confidence, what Ohio needs, by Frank A. Davis, 384
Construction, by F. L. Owen, 353
Construction record, the world's, by John Grant, 699
Construction, some principles of conduit, by Robert J. Ardiff, 639
Continental buys Rochester & Syracuse properties in New York state, 48
Continental Telephone Company, no receivership for, 750
Contract, a greedy, 259
Convention, the Indiana and Michigan joint, 635
Convention, Kentucky, 750
Convention, a group of Texas, boosters, 783
Corporation tax law, the, by William M. Lybrand, 257
Cost accounting of trouble, systematizing, recording and, 671
Cuba, cost of construction service telephone line in, 292
Cuba's telephone awakening, by L. J. Canova, 572
Cumberland's high finance the, 561
Cumberland Telephone & Telegraph Company, 234
Cumberland Tel. & Tel. Co.,—A picturesque l--r, 246
Cumberland T. & T. Co.—"Leland Hume comments on conditions in Louisiana," 300
Cuyahoga report for 1909, the, 652

D

Depreciation, by Major W. A J. O'Meara, 508
Depreciation and reserve funds of electrical properties, 615
Depreciation, Wisconsin railroad commission discusses, 441
Deterioration, by Hamilton P. Fairman, 393
Directory ideas, 543
Directory, Telephony's, by J. C. Kelsey, 318
Discipline of operators, by Mary Leaone, 198
Divided circuits, calculation of currents in, by Ralph Raymond, 706

E

Earnings, rebuilding brings increase of, 540
Economy of training operators, by John P. Boylan, 11
Electric light induction, 480
Electrolysis, investigation of, at Winnipeg, 8
Elson bill defeated, 500-550
Elson bill lobby investigation, 423
Elson bill votes, Bell company charged with offering bribes for, 486
Engineer, relation of the, to the telephone industry, by Frank F. Fowle, 468, 579
Exchange records, small, by E. D. Talbot, 223

F

Farmers' lines, construction and maintenance of, 712
Federal system buys interest in Rochester Telephone Company, 784
Federal system, long distance day on, 781
Finance, the Cumberland's high, 561
Fisk & Robinson,—"The Local Issue," by J. C. Kelsey, 188
Flat rate service in Boston, cost per message of, 804
Flat rate system, inequality of charges under, 748
Florida telephone convention, 485
Fort Wayne system, an Indiana progress report, 589
Free county connections are wrong, how to convince subscribers that "lending" and, 741

G

Generators, measuring the output of hand, 806
German loaded open wire lines, 483
Government monopoly, how it has limited telephone service in Europe, 194
Grand Rapids, the Citizens company of, by J. C. Kelsey, 252
Grand opera, by wireless, 294
Guying, hints about storm, by H. P. Fairman, 284

H

Highway commission, Massachusetts, reports to legislature, 163
Hotel, finest in Northwest, installs Independent service, 544

I

Idaho Independent, progress of an, 539
Illinois legislature passes law providing for telephones in mines, 299
Illinois Tunnel Company, president of, says Chicago will have $5,000,000 Independent plant, 48
Independent service, Los Angeles likes, 82
Independent strength in southwestern Iowa, by F. J. Day, 215
Independent telephony in the West, by W J. Stadelman, 499, 534, 599, 633
Independents of York County, Nebraska, hold big rally, 781
Independent telephony, inherent strength of, by B. G. Hubbell, 75
Indiana and Michigan joint convention, the, 635
Indiana-Michigan convention passes vigorous anti-trust resolutions, 611
Indiana progress report, an, 589
Indiana tax hearings, 518
Inductance in underground cables, most economical combination of capacity and, by B. S. Cohen, 256
Induction, electric light, 480
Inequality of charges under flat rate system, 748
Inspection, economical line, by H. P. Fairman, 446
Installations aboard imperial yachts, by Einar Brofos, 3
Insurance, telephone fire, 34
Interchange legislation, objections to compulsory telephone, 742
Interstate sale discussed by C. B. Cheadle, 786
Inter-State Telephone Company of Illinois, control of the, another mysterious disappearance, 687
Inventories of telephone properties, method of making, 479
Iowa City dissatisfied with Monopoly service, 467
Iowa convention, the, 131
Iowa, Independent strength in Southwestern, by F. J. Day, 215
Iowa-Nebraska conventions, the, 123

J

Jest that back-fires, a, 546
Johnstown Telephone Company, the, by J. C. Kelsey, 574

K

Kansas City companies, fine reports of, 776
Kansas convention, the, 562
Kansas, the issue in, by Frank H. Woods, 569
Kentucky convention, new toll lines result of the convention at Middlesboro, Ky., 750
Kentucky, plant, a modern, by B. F. Buckner, 155
Keystone company adds 35 per cent of 1909 earnings to plant value, 97
Keystone Telephone Co., lines of the, 453
Keystone Telephone Company, the, by J. C. Kelsey, 391
Kinloch company, the, by J. C. Kelsey, 604
Kinloch Telephone Company, increases earnings nearly three times above expenses, 326

L

La Crosse company, a steady dividend payer, 389
La Salle Street awakened, has, by J. C. Kelsey, 71

TK1
T36

INDEX TO VOLUME XIX

MOST IMPORTANT ARTICLES

A

Accommodation department, the—A new idea, 783
American Telephone and Telegraph annual report, 396
American Telephone & Telegraph Co., by J. C. Kelsey, 474
American Telephone & Telegraph Company, —a jest that back-fires, 546
American Telephone and Telegraph Co.—"The financial joke of the season," by J. C. Kelsey, 158
A. T. & T. Co. will put Central Union on dividend paying basis, 787
American Telephone & Telegraph, relationship of Morgan to, 322
Arizona, A new exchange in, by G. A. Joy, 217
Automatic telephone apparatus, modern, by W. Lee Campbell, 191

B

Back lot pole line, the, by C. H. Quinn, 795
Battery, a two, two-circuit arrangement and its application, by Arthur Bessey Smith, 515
Bell company forced to abandon attempt to buy Racine Independent, 47
Bell humor, some, by J. C. Kelsey, 674
Bell humor, some more, by J. C. Kelsey, 771
Bell monopoly, a Louisville opinion on, 439
Bell officials testify in Missouri, 50
Bell plant values, confusion in, 168
Billings, Mont., Independent telephony in the West, by W. J. Stadelman, 499
Boston, cost per message of flat rate service in, 804
British Channel loaded cable, the, 512
British telephone news, by Abercrombie, 104, 612, 709
British telephone notes, by Abercrombie, 414.
Broader view, the, by George B. Cortelyou, 296
Buffalo trade excursion, Independent service on the, 535
Buffalo trade excursion, the, 602
Butte, Mont., Independent telephony of the West, by W. J. Stadelman, 534

C

Cable, a 26-ton reel of submarine, by Robt. A. Shelly, 228
Cable plant, open wire vs., by Robert J. Ardiff, 411
Cable sheath, cracked, due to slack messenger, 577
Cable system, hints on constructing a, by Robert J. Ardiff, 438, 501
Cable tester, new use for inductive, by Geo. A. Bishton, 14
Cable, the British Channel loaded, 512
Cables, most economical combination of capacity and inductance in underground, by B. S. Cohen, 256
Calculation of currents in divided circuits, by Ralph Raymond, 706
Capacity and inductance in underground cables, most economical combination of, by B. S. Cohen, 256
Cedarmen's convention, the Northwestern, 69
Cedar Rapids, monopoly jolted in, 41
Cedar Rapids, monopoly management expensive in, 107
Census report will soon be issued, telephone, 783
Central Union on dividend paying basis, A. T. & T. will put, 787
Central Union treachery, 433
Chicago Independent plant started, 472
Chicago rate report, the, 646-668
Chicago ready to build, 341
Chicago Telephone Company, "Behold the City Beautiful," by J. C. Kelsey, 220
Chicago Telephone Company—some Bell humor, by J. C. Kelsey, 674
Chicago telephone rate matters, President Sunny presents communication on, to council committee, 808
Chicago, the building of, 59
Chicago victory, the, 57
Chillicothe, Mo., Peoples Telephone Co., rebuilding brings increase of earnings, 540
Circuit, two, arrangement, a two-battery, and its application, by Arthur Bessey Smith, 515
Circuits, divided, calculation of currents in, by Ralph Raymond, 706
Citizens Telephone Company of Grand Rapids, by J. C. Kelsey, 252
Clearing house and traffic commission, the, by H. E. Bradley, 38
Collections, by F. V. Newman, 39
Competition, by John MacVicar, 132
Competition and the Sherman Law, President stands up for, 66
Competition, annual savings $500,000 through, by Frank H. Woods, 464
Competition, concerning telephone, 471
Competitive telephony in New York, by B. G. Hubbell, 219
Concrete construction in the Philippine Islands, all, by C. E. Heston, 644
Conduit construction, some principles of, by Robt J. Ardiff, 639
Confidence, what Ohio needs, by Frank A. Davis, 384
Construction, by F. L. Owen, 353
Construction record, the world's, by John Grant, 699
Construction, some principles of conduit, by Robert J. Ardiff, 639
Continental buys Rochester & Syracuse properties in New York state, 48
Continental Telephone Company, no receivership for, 750
Contract, a greedy, 259
Convention, the Indiana and Michigan joint, 635
Convention, Kentucky, 750
Convention, a group of Texas, boosters, 783
Corporation tax law, the, by William M. Lybrand, 257
Cost accounting of trouble, systematizing, recording and, 671
Cuba, cost of construction service telephone line in, 292
Cuba's telephone awakening, by L. J. Canova, 572
Cumberland's high finance the, 561
Cumberland Telephone & Telegraph Company, 234
Cumberland Tel. & Tel. Co.,—A picturesque l--r, 246
Cumberland T. & T. Co.—"Leland Hume comments on conditions in Louisiana," 300
Cuyahoga report for 1909, the, 652

D

Depreciation, by Major W. A J. O'Meara, 508
Depreciation and reserve funds of electrical properties, 615
Depreciation, Wisconsin railroad commission discusses, 441
Deterioration, by Hamilton P. Fairman, 393
Directory ideas, 543
Directory, Telephony's, by J. C. Kelsey, 318
Discipline of operators, by Mary Leaone, 198
Divided circuits, calculation of currents in, by Ralph Raymond, 706

E

Earnings, rebuilding brings increase of, 540
Economy of training operators, by John P. Boylan, 11
Electric light induction, 480
Electrolysis, investigation of, at Winnipeg, 8
Elson bill defeated, 500-550
Elson bill lobby investigation, 423
Elson bill votes, Bell company charged with offering bribes for, 486
Engineer, relation of the, to the telephone industry, by Frank F. Fowle, 468, 579
Exchange records, small, by E. D. Talbot, 223

F

Farmers' lines, construction and maintenance of, 712
Federal system buys interest in Rochester Telephone Company, 784
Federal system, long distance day on, 781
Finance, the Cumberland's high, 561
Fisk & Robinson,—"The Local Issue," by J. C. Kelsey, 188
Flat rate service in Boston, cost per message of, 804
Flat rate system, inequality of charges under, 748
Florida telephone convention, 485
Fort Wayne system, an Indiana progress report, 589
Free county connections are wrong, how to convince subscribers that "lending" and, 741

G

Generators, measuring the output of hand, 806
German loaded open wire lines, 483
Government monopoly, how it has limited telephone service in Europe, 194
Grand Rapids, the Citizens company of, by J. C. Kelsey, 252
Grand opera, by wireless, 294
Guying, hints about storm, by H. P. Fairman, 284

H

Highway commission, Massachusetts, reports to legislature, 163
Hotel, finest in Northwest, installs Independent service, 544

I

Idaho Independent, progress of an, 539
Illinois legislature passes law providing for telephones in mines, 299
Illinois Tunnel Company, president of, says Chicago will have $5,000,000 Independent plant, 48
Independent service, Los Angeles likes, 82
Independent strength in southwestern Iowa, by F. J. Day, 215
Independent telephony in the West, by W J. Stadelman, 499, 534, 599, 633
Independents of York County, Nebraska, hold big rally, 781
Independent telephony, inherent strength of, by B. G. Hubbell, 75
Indiana and Michigan joint convention, the, 635
Indiana-Michigan convention passes vigorous anti-trust resolutions, 611
Indiana progress report, an, 589
Indiana tax hearings, 518
Inductance in underground cables, most economical combination of capacity and, by B. S. Cohen, 256
Induction, electric light, 480
Inequality of charges under flat rate system, 748
Inspection, economical line, by H. P. Fairman, 446
Installations aboard imperial yachts, by Einar Brofos, 3
Insurance, telephone fire, 34
Interchange legislation, objections to compulsory telephone, 742
Interstate sale discussed by C. B. Cheadle, 786
Inter-State Telephone Company of Illinois, control of the, another mysterious disappearance, 687
Inventories of telephone properties, method of making, 479
Iowa City dissatisfied with Monopoly service, 467
Iowa convention, the, 131
Iowa, Independent strength in Southwestern, by F. J. Day, 215
Iowa-Nebraska conventions, the, 123

J

Jest that back-fires, a, 546
Johnstown Telephone Company, the, by J. C. Kelsey, 574

K

Kansas City companies, fine reports of, 776
Kansas convention, the, 562
Kansas, the issue in, by Frank H. Woods, 569
Kentucky convention, new toll lines result of the convention at Middlesboro, Ky., 750
Kentucky, plant, a modern, by B. F. Buckner, 155
Keystone company adds 35 per cent of 1909 earnings to plant value, 97
Keystone Telephone Co., lines of the, 453
Keystone Telephone Company, the, by J. C. Kelsey, 391
Kinloch company, the, by J. C. Kelsey, 604
Kinloch Telephone Company, increases earnings nearly three times above expenses, 326

L

La Crosse company, a steady dividend payer, 389
La Salle Street awakened, has, by J. C. Kelsey, 71

"Lending" and free county connections are wrong, how to convince subscribers that, 741
Licensee minority stockholder, the, by J. C. Kelsey, 503
Line inspection, economical, by H. P. Fairman, 446
Loaded cable, the British Channel, 512
Loaded open wire lines, German, 483
Logansport Home Telephone Company, the, by J. C. Kelsey, 703
Long distance day on the Federal system, 781
Long distance tests of a new transmitter, by Carl Egner and J. C. Holmstrom, 6
Los Angeles, rate regulation at, 713
Loud-speaking receiver, construction of, by N. D. Blagdon-Phillips, 198
Louisville rates, report on, 513
Loyalty, by Manford Savage, 183

M

Maintenance, keeping up, by J. H. Ainsworth, 477
Management of telephone properties, special qualifications for the proper, by Theodore Gary, 313
Manitoba telephone report for 1909, 290
Massachusetts highway commission reports to legislature, 163
Mathews' telefault, the, by H. Louis Hoffman, 552
Messenger, cracked cable sheath due to slack, 577
Michigan and Indiana joint convention, the, 635
Michigan, the Union of, 583
Michigan Traffic Association reincorporates, 51
Mines, Illinois legislature passes law providing for telephones in, 299
Mines telephonic communication in, by S. R. Edwards, 315
Minnesota Independent telephone men, meeting of, 172
Mississippi Situation — Hume-rous telephone tactics, by J. C. Kelsey, 347
Missouri, Bell officials testify in, 50
Missouri convention, the, 608
Monopoly, how government has limited telephone service in Europe, 194
Monopoly jolted in Cedar Rapids, 40
Monopoly, Ohio's repudiation of, by Frank H. Woods, 500
Monopoly, service, Iowa City dissatisfied with, 467
Monopoly, the telephone is not a natural, by H. S. Ash, 322
Montana, big Independent achievement in, 80
Montana, Independent shows about 50 per cent advance in monthly earnings over 1909, 778
Morgan deal, Frank H. Woods on the, 380
Morgan deal, inside history of, 186
Morgan tells attorney general that his plants are Independent, 53
Morgan to A. T. & T., relationship of, 322
Morgan-ization, by J. C. Kelsey, 435
Mountaineering, the telephone in, by H. S. Knowlton, 528
Multiple cable, locating trouble in, 288
Mutual systems, the engineer of, by A. J. Robinson, 185

N

National Association directors meet, 345
National Association membership, 601
National regulation, the campaign for 729, 808
Nebraska convention, the, 106
Nebraska, Independents of York county hold big rally, 781
Nebraska-Iowa convention, aspects of the, by J. C. Kelsey, 138
Nebraska-Iowa conventions, the, 123
Nebraska System, the, a guaranteed business, 763
New England telephone rates too high, 417
New York, competitive telephony in, by B. G. Hubbell, 219
New York, reasonable regulation in, 527
New York, state regulation for, 396
New York, telephones under public service commission in, 688
Northwest, big Independent plants in the, organized into solid operating unit, 782
Northwest, Lane properties in the, being formed into well organized operating unit, 814
North Dakota Independent Telephone Company, "A Dakota Company for Dakota People." by J. C. Kelsey, 281
Northwestern Cedarmen's convention, the, 69

O.

Ohio convention, the, 377
Ohio legislature turns down the Woods public utility bill, 588
Ohio needs—confidence, by Frank A. Davis, 384
Ohio public utilities bill said to embody Taft ideas, 142
Ohio, public utility corporations oppose Woods Bill in, 517
Ohio's repudiation of monopoly, by Frank H. Woods, 500
Ohio transfers, J. P. Morgan and T. N. Vail agree to testify on —Events of the week in Cleveland and Columbus, 172
Ontario mining district, a prosperous company in the, 682
Open wire vs. cable plant, by Robert J. Ardiff, 411
Operators, discipline of, by Mary Leaone, 198
Operators, economy of training, by John P. Boylan, 11

P.

Pardee, Frank W.—an up and going man, 693
Pay stations, telephone, in theatres, by H. S. Knowlton, 193
Pennsylvania Railway Commission, a remarkable ruling of, 239
Phantom circuits, by J. H. Ainsworth, 99
Phanton, grounded, extension which may be switched to toll lines, 351
Philippine Islands, all concrete construction in the, by C. E. Heston, 644
Plant, that plants its reserves, the, by J. C. Kelsey, 536
Pole changer circuit, proper wiring of condensers in, 448
Pole line, the back lot, by C. H. Quinn, 795
Poles, the ordering and inspection of, 289
Postal card statements to reduce collection costs, 160
Power circuits, railway, interferences with telephone transmission by, 673
Preservation, wood, by the superficial method, by H. H. Gerhart, 342
Promoter's reply, a, 440
Public service commission in New York, telephone under, 688
Public Utilities Bill, Ohio, said to embody Taft ideas, 142
Public Utilities Bill passed by Ohio house, 452
Purchasing department, the, by Floyd N. Dull, 10

R

Railway signaling, underground transmission, 331
Rates, New England telephone, too high, 417
Rate raising proposition, a sane view of the, 390
Rate regulation at Los Angeles, 713
Rate report, the Chicago, 646-668
Rates, report on Louisville, 513
Rebuilding brings increase of earnings, 540
Recording and cost accounting of trouble, systematizing, by A. J. Page, 671
Receiver, construction of a loud-speaking, by N. D. Blagdon Phillips, 198
Records, small exchange, by E. D. Talbot, 223
Regulation in New York, reasonable, 527
Regulation, state, for New York, 398
Regulation, the campaign for national, 729, 808
Rentals at the company's office, how our subscribers were induced to pay their, by W. H. Orr, 413
Report, a useful exchange service, 262
Report, American Telephone and Telegraph annual, 396
Reserves, the plant that plants its, by J. C. Kelsey, 536
Review of Reviews justly criticized—Gary resents attack on Independents, 77
Rochester Telephone Company, Federal system buys interest in, 784
Rural lines, operating, by W. H. Barker, 286
Rural telephone guerilla, the 680

S

St. Joseph, A trip to, by Franklin H. Reed, 247
St. Joseph, plant gleanings from, by Franklin H. Reed, 529
San Antonio mystified by Bell bookkeeping, 735
San Francisco, Independent telephony of the West, by W. J. Stadelman, 599
San Francisco supervisors fix new telephone rates, 813
Saturday Evening Post—Some more Bell humor, by J. C. Kelsey, 771
Service, by L. E. Hurtz, 251
Service report, a useful exchange, 262
Schenectady Home Telephone Company annual report of, 643
South Dakota convention, the, 113
South Omaha, breaking the record at, 621
South Omaha, new construction record to be made, 482
Stockholder, the licensee minority, by J. C. Kelsey, 503
Storm guying, hints about, by H. P. Fairman, 284
Submarine cable, A 26-ton reel of, by Robt. A. Shelly, 228
Swiss telephone system in 1908, statistics of, 614

T

Taft, president, stands up for competition and the Sherman law, 66
Tax hearings, Indiana, 518
Tax law, the corporation, by William M. Lybrand, 357
Telefault, the Matthews', by E. Louis Hoffman, 552
Telephone fire insurance, 34
Telephone, how Uncle Sam uses the, by Waldon Fawcett, 89
Telephone industry, relation of the Engineer to, by Frank F. Fowle, 468, 579
Telephone in mountaineering, by H. S. Knowlton, 528
Telephone properties, valuation of, by W. C. Polk, 677
Telephone service aboard yachts, 467
Telephone traffic problems, 711
Telephony, competitive, in New York, by B. G. Hubbell, 219
Telephony in the United States Army, 665
Telephony in the West, Independent, by W. J. Stadelman, 499, 534, 599, 633
Telephony, inherent strength of Independent, by B. G. Hubbell, 75
Telephony's directory, by J. C. Kelsey, 313
Tel-Vision, working toward, 40
Temiskaming Telephone Company, Ltd., (a prosperous company in the Ontario mining district), 682
Terre Haute, Ind., Citizens Telephone Company, of, the plant that plants its reserves, by J. C. Kelsey, 536
Test arrangement for multi-frequency generator and bells, 443
Texas, a group of boosters, 783
Theatres, telephone pay stations in, by H. S. Knowlton, 193
Toll business, practical methods of handling an increased volume of, by W. S. Vivian, 92
Toll line faults with a Wheatstone bridge, locating, by F. S. Lyman, 733
Toll line, testing and trouble location, practical kinks in, by Edward Billings, 134, 162, 196
Topeka Independent Telephone Company, by J. C. Kelsey, 730
Traffic at Topeka, handling extraordinarily heavy, 184
Traffic commission, the clearing house and, by H. E. Bradley, 38
Traffic problems, telephone, 711
Transmission by railway power circuits, interference with telephone, 673
Transmission, underground railway signaling, 331
Transmitter, long distance tests of a new, by Carl Egner and J. G. Holmstrom, 6
Tri-State Telephone and Telegraph Co., 544
Tri-State Telephone Company, the, by J. C. Kelsey, 407
Trouble location, practical kinks in toll line testing and, by Edward Billings, 134, 162, 196
Trouble, systematizing, recording and cost accounting of, by A. J. Page, 671
Troublemen, a letter to, by Fred Dewey, 33
Troy, N. Y., Independent shows gains in statement for nine months, 773
Trucks, novel for laying telephone cable in Germany, by F. Brinkman, 37
Trusts, tyranny of, must cease, 279

U

Underground railway signaling transmission, 331
Union, of Michigan, the, 583
Union Telephone Company, The, by J. C. Kelsey, 641
United States Army, telephony in the, 665
United States telephone statement, 422
United States uses the telephone, how the, by Waldon Fawcett, 89

Utah business men turn down the telephone trust, 230

V

Vail does not fear the Sherman law, why, 463
Vail-ed Reflections, some, by J. C. Kelsey, 801
Valuation of telephone properties, by W. C. Polk, 677

W

Wall Street come to us? has, by J. C. Kelsey, 42
Wall Street, getting acquainted with, by J. C. Kelsey, 17
Western Electric Company—"The Leopard and His Spots," by J. C. Kelsey, 94
Western Union to utilize the Bell telephone plant for increasing its business, 264
Wheatstone Bridge, locating toll line faults with a, by F. S. Lyman, 733
Wickersham dodged the Sherman law, how, by Senator Robert La Follette, 463
Winnipeg, investigation of electrolysis at, 8
Wireless, grand opera by, 294
Wiring, proper, of condenser in pole changer circuit, 448
Wisconsin Railroad Commission report, 424
Wood preservation by the superficial method, by H. H. Gerhard, 342
Woods Bill in Ohio, public utility corporations oppose, 517
Woods, Frank H., on the Morgan deal, 380
Woods public utility bill, Ohio legislature turns down the, 588
World's construction record, the, by John Grant, 699

Y

Yachts, installations aboard imperial, by Einar Brofos, 3
Yachts, telephone service aboard, 467